2019 Ozone Plan

Board of Directors
Santa Barbara County
Air Pollution Control District

Our Mission: To protect the people and the environment of Santa Barbara County from the effects of air pollution.

Aeron Arlin Genet
Director / APCO

Molly Pearson, Planning Division Manager
Timothy Mitro, Air Quality Engineer

December 19, 2019
State Plan Requirements

- California Clean Air Act (1988):
  - Attain the Ozone standard by the earliest practicable date

- Original plan adopted in 1991

- Triennial progress reports:

- Objectives:
  1) Assess the effectiveness of our program
  2) Evaluate strategies to obtain additional emission reductions
2019 Ozone Plan Structure

• Chapter 1: Introduction
• Chapter 2: Air Quality Trends
• Chapter 3: Emission Inventory
• Chapter 4: Stationary Source Control Measures
• Chapter 5: Transportation Control Measures
• Chapter 6: Voluntary Incentive Strategies
• Chapter 7: Maintenance Strategy
### Ch. 1: Introduction

<table>
<thead>
<tr>
<th>Ambient Air Quality Standard</th>
<th>Year Adopted</th>
<th>Statutory Standard</th>
<th>Current Attainment Status</th>
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</thead>
<tbody>
<tr>
<td>Federal 8-Hour</td>
<td>1997</td>
<td>0.08 ppm</td>
<td>Attainment</td>
</tr>
<tr>
<td></td>
<td>2008</td>
<td>0.075 ppm</td>
<td>Attainment</td>
</tr>
<tr>
<td></td>
<td>2015</td>
<td>0.070 ppm</td>
<td>Attainment</td>
</tr>
<tr>
<td>State 1-Hour</td>
<td>1988</td>
<td>0.09 ppm</td>
<td>Nonattainment-Transitional*</td>
</tr>
<tr>
<td>State 8-Hour</td>
<td>2005</td>
<td>0.070 ppm</td>
<td></td>
</tr>
</tbody>
</table>

* Federal and state standards use different methodologies to determine attainment. District designated as Nonattainment-Transitional for the state standard in April 2017.
Ch. 2: Air Quality Trends (1990 - 2018)
Ch. 3: Emission Inventory

• Four major categories:  
  1) Stationary sources: Engines, Boilers, Oil Wells  
  2) Area-wide sources: Residential Heaters, Asphalt Paving  
  3) On-road vehicles: Light-duty & Heavy-duty vehicles  
  4) Other mobile sources: Boats, Trains, Airplanes

• Base year (2017) and Future years (2025, 2035)  
  • Future years apply growth and control profiles to estimate emissions from the various categories.

• Marine shipping emissions still make up a large portion of our inventory.
District adopted over 25 control measures since the original 1991 Plan.

**2019 Plan:** Analyzed potential new rules:
- Compared our rules to those adopted by other Air Districts,
- Considered the magnitude of the emissions reductions, and
- Considered the costs and cost-effectiveness of the rules.

District recommends no new stationary source measures for the 2019 Plan.

SBCAG develops Transportation Control Measures (TCMs) and will continue tracking and implementing the existing TCMs.
Ch. 6: Voluntary Incentive Strategies

- Ag Engines
- School Bus
- Infrastructure
- VSR Program
- Old Car Buy Back
- Marine
- On-Road
- Off-Road
- Woodsmoke Reduction
- Clean Air Fund - LEEF
Ch. 7: Maintenance Strategy

• Summarizes how the District plans to maintain attainment with the state ozone standard.
  • Stationary Source Program
  • Emission Inventory Tracking
  • Land-use/CEQA Review
  • Transportation Control Measures
  • Voluntary Incentive Strategies
  • Public Awareness and Education
Community Advisory Council Review

- Meetings in August and October 2019 in Buellton:
  - Presented draft chapters for discussion and feedback.

- CAC comments resulted in revisions and clarifications.
  - A summary of the comments and responses is included as Attachment B.

- CAC unanimously recommended that the Board approves the 2019 Ozone Plan.
Recommended Board Actions

- Adopt the resolution (Attachment A), which includes:
  - CEQA Addendum, with the 2010 Clean Air Plan EIR,
  - CEQA Findings, and

- Authorize the APCO to transmit the plan to CARB.
Contact Information

Molly Pearson
Planning Division Manager
(805) 961-8838
PearsonM@sbcapcd.org

Timothy Mitro
Air Quality Engineer
(805) 961-8883
MitroT@sbcapcd.org